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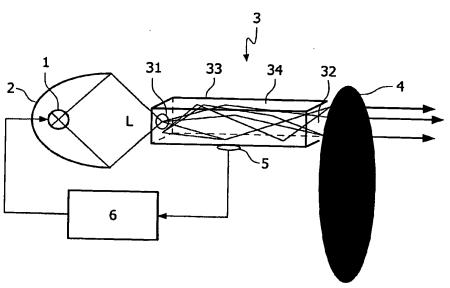
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(54) Title: PROJECTION SYSTEM



(57) Abstract: A projection system for image display with at least one lamp (1), with at least one sensor (5) for detecting changes in the luminous flux delivered by said at least one lamp (1) and for compensating these changes through a suitable control of the image display and/or the lamp is described. The projection system is remarkable in that a light integrator (3) is provided, into which at least a portion of the light provided by the lamp (1) is coupled in, while the sensor (5) is optically coupled to the light integrator (3) such that it detects the luminous intensity present in the light integrator (3). Since this luminous intensity is very homogeneous because of the multiple reflections and is not influenced by brightness fluctuations caused by an optical component such as, for example, a color modulator (4), a very accurate compensation of changes in the luminous flux generated by the lamp (1) is made possible by the sensor signal.



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